

Title (en)

DETERMINATION OF STEERING ANGLE FOR A MOTOR VEHICLE

Title (de)

LENKWINKELBESTIMMUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)

DÉTERMINATION DE L'ANGLE DE DIRECTION POUR UN VÉHICULE AUTOMOBILE

Publication

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Application

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Abstract (en)

[origin: WO2012032133A1] Method and control device for determining a steering angle of a motor vehicle, wherein a theoretical steering angle is calculated according to a vehicle model and a measured steering angle is determined with a steering angle sensor, and the difference between the measured steering angle and theoretical steering angle is determined, wherein at least one data record comprising a number of successive measured values is compiled and a correction constant for the measured steering angles is determined from the mean value of the differences between the theoretical steering angle and the measured steering angle. According to the invention, a trust level is calculated on the basis of the travel conditions present during the compilation of the data record and/or an analysis of the data record, which trust level changes incrementally during successive data records.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2012032133A1

Cited by

US10414288B2; US11008037B2; US10723382B2; US11400975B2; US9868445B2; US10081367B2; US10377388B2

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